

ABSTRACT OF THE DISCLOSURE

THERMOPLASTIC MATERIAL COMPRISING NANOMETRIC
LAMELLAR COMPOUNDS

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10 The invention relates to materials comprising a
thermoplastic matrix and at least particles based on
phosphate of zirconium, titanium, cerium and/or silicon
in the form of nanometric lamellar compounds having a
shape factor of less than 100. The aforementioned
materials can be used, for example, for the production
of plastic parts, such as films, sheets, tubes, hollow
15 or solid bodies, bottles, conduits or tanks.